Permit #: 28.2201-19

Effective Date: Draft

Expiration Date: Draft

SOUTH DAKOTA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES TITLE V AIR QUALITY OPERATING PERMIT

Steven M Pirner, Secretary Department of Environment and Natural Resources

Under the South Dakota Air Pollution Control Regulations

Pursuant to Chapter 34A-1-21 of the South Dakota Codified Laws and the Air Pollution Control Regulations of the State of South Dakota and in reliance on statements made by the owner designated below, a permit to operate is hereby issued by the Secretary of the Department of Environment and Natural Resources. This permit authorizes such owner to operate the unit(s) listed in Table #1 under the listed conditions.

A. Owner

1. Company Name and Mailing Address

The University of South Dakota 414 East Clark Street Vermillion, South Dakota 57069

2. Actual Source Location if Different from Above

Section 13, Township 92 North, Range 52 West of 5th P.M. 414 East Clark Street Vermillion, South Dakota 57069

3. Permit Contact

John Davis Acting Associate Vice President, Facilities (605) 677-5341

4. Facility Contact

John Davis Acting Associate Vice President, Facilities (605) 677-5341

5. Responsible Official

Richard Van Den Hul, Vice President Finance and Administration (605)677-5661

B. Permit Revisions or Modifications

August 23, 2005 – Removed stack testing requirement for Units #1 and #2.

August 22, 2006 – Permit modification to replace the existing incinerator with a new one and add a natural gas fired heating plant in the School of Medicine building.

November 14, 2008 – Permit modification to install two natural-gas fired or distillate fuel fired boilers

C. Type of Operation

A state university operating eight boilers for heating, an incinerator for disposal of animal and human tissues and one emergency generator.

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1.0 STANDARD CONDITIONS

1.1 Operation of source. In accordance with Administrative Rules of South Dakota (ARSD) 74:36:05:16.01(8), the owner or operator shall operate the units, controls, and processes as described in Table #1-1 in accordance with the statements, representations, and supporting data contained in the complete permit application submitted and dated May 1, 2009, unless modified by the conditions of this permit. Except as otherwise provided herein, the control equipment shall be operated in a manner that achieves compliance with the conditions of this permit at all times. The application consists of the application forms, supporting data, and supplementary correspondence. If the owner or operator becomes aware that it failed to submit any relevant facts in a permit application or submitted incorrect information in an application, such information shall be promptly submitted.

Table #1-1
Description of Permitted Units, Operations, and Processes

		Maximum	Control
Identification	Description	Operating Rate	Device
	1957 Murray steam boiler with a	45,000 pounds of	Not Applicable
Unit #1	Peabody burner, model no. MD 445,	steam per hour	
	fired with natural gas and distillate oil.	heat output	
	A 1970 Babcock & Wilcox steam	60,000 pounds of	Not Applicable
Unit #2	boiler with a Coen burner, model no.	steam per hour	
Unit #2	FM10, fired with natural gas and	heat output	
	distillate oil.		
	2005 Matthews Cremation Division	150 pounds per	Not Applicable
	multiple chamber medical waste	hour	
Unit #4	incinerator, model Power-Pak II, fired		
Cint #4	with natural gas. The incinerator will		
	be used to dispose of animal and		
	human tissue.		
	2005 Hurst Boiler and Welding	4.2 million Btus	Not Applicable
Unit #5	Company 100 HP Hurst steam boiler,	per hour heat	
	model 4VT-G-100-150, fired with	input	
	natural gas.		
	2005 Hurst Boiler and Welding	4.2 million Btus	Not Applicable
Unit #6	Company 100 HP Hurst steam boiler,	per hour heat	
Cint #0	model 4VT-G-100-150, fired with	input	
	natural gas.		
	2005 Hurst Boiler and Welding	4.2 million Btus	Not Applicable
Unit #7	Company 100 HP Hurst steam boiler,	per hour heat	
	model 4VT-G-100-150, fired with	input	
	natural gas.		
Unit #8	2008 York Shipley, Model #5112L-	33.5 million Btus	Not Applicable

		Maximum	Control
Identification	Description	Operating Rate	Device
	S3W-1000X-S200 steam boiler, fired	per hour heat	
	with natural gas and/or distillate oil.	input	
	2008 York Shipley, Model #5112L-	33.5 million Btus	Not Applicable
Unit #9	S3W-1000X-S200 steam boiler, fired	per hour heat	
	with natural gas and/or distillate oil.	input	
	2004 Caterpillar 3412 750 Kw	7.4 million Btus	Not Applicable
Unit #11	generator fired with distillate oil	per hour heat	
		input	

- **1.2 Duty to comply.** In accordance with ARSD 74:36:05:16.01(12), the owner or operator shall comply with the conditions of this permit. An owner or operator who knowingly makes a false statement in any record or report or who falsifies, tampers with, or renders inaccurate, any monitoring device or method is in violation of this permit. A violation of any condition in this permit is grounds for enforcement, reopening this permit, permit termination, or denial of a permit renewal application. The owner or operator, in an enforcement action, cannot use the defense that it would have been necessary to cease or reduce the permitted activity to maintain compliance. The owner or operator shall provide any information requested by the Secretary to determine compliance or whether cause exists for reopening or terminating this permit.
- 1.3 Property rights or exclusive privileges. In accordance with ARSD 74:36:05:16.01(12), the State's issuance of this permit, adoption of design criteria, and approval of plans and specifications does not convey any property rights of any sort, any exclusive privileges, any authorization to damage, injure or use any private property, any authority to invade personal rights, any authority to violate federal, state or local laws or regulations, or any taking, condemnation or use of eminent domain against any property owned by third parties. The State does not warrant that the owner's or operator's compliance with this permit, design criteria, approved plans and specifications, and operation under this permit, will not cause damage, injury or use of private property, an invasion of personal rights, or violation of federal, state or local laws or regulations. The owner or operator is solely and severally liable for all damage, injury or use of private property, invasion of personal rights, infringement of federal, state or local laws and regulations, or taking or condemnation of property owned by third parties, which may result from actions taken under the permit.
- **1.4** Penalty for violating a permit condition. In accordance with South Dakota Codified Laws (SDCL) 34A-1-39 and 34A-1-47, a violation of a permit condition may subject the owner or operator to civil or criminal prosecution, a state penalty of not more than \$10,000 per day per violation, injunctive action, administrative permit action, and other remedies as provided by law.
- **1.5** <u>Inspection and entry.</u> In accordance with SDCL 34A-1-41, the owner or operator shall allow the Secretary to:

- 1. Enter the premises where a regulated activity is located or where pertinent records are stored;
- 2. Have access to and copy any records that are required under this permit;
- 3. Inspect operations regulated under this permit; and/or
- 4. Sample or monitor any substances or parameters for the purpose of assuring compliance.
- **1.6 Severability.** In accordance with ARSD 74:36:05:16.01(11), any portion of this permit that is void or challenged shall not affect the validity of the remaining permit requirements.
- **1.7 Permit termination, modification, or revocation.** In accordance with ARSD 74:36:05:46, the Secretary may recommend that the Board of Minerals and Environment terminate, modify, or revoke this permit for violations of SDCL 34A-1 or the federal Clean Air Act or for nonpayment of any outstanding fee or enforcement penalty.
- **1.8** <u>Credible evidence</u>. In accordance with ARSD 74:36:13:07, credible evidence may be used for the purpose of establishing whether the owner or operator has violated or is violation of this permit. Credible evidence is as follows:
- 1. Information from the use of the following methods is presumptively credible evidence of whether a violation has occurred at the source:
 - a. A monitoring method approved for the source pursuant to 40 CFR § 70.6(a)(3) and incorporated in this permit; or
 - b. Compliance methods specified in an applicable plan;
- 2. The following testing, monitoring, or information gathering methods are presumptively credible testing, monitoring, or information-gathering methods:
 - a. Any monitoring or testing methods approved in this permit, including those in 40 CFR Parts 51, 60, 61, and 75; or
 - b. Other testing, monitoring, or information-gathering methods that produce information comparable to that produced by any method in section (1) or (2)(a).
- **1.9 Definitions.** The terms used in this permit have the following meaning:
- 1. "Chemotherapeutic waste," means waste material resulting from the production or use of antineoplastic agents used for the purpose of stopping or reversing the growth of malignant cells:
- 2. "Hospital waste," means discards generated at a hospital, except unused items returned to the manufacturer. The definition of hospital waste does not include human corpses, remains, and anatomical parts that are intended for interment or cremation;
- 3. "Low-level radioactive waste," means waste material which contains radioactive nuclides emitting primarily beta or gamma radiation, or both, in concentrations or quantities that exceed applicable federal or state standards for unrestricted release. Low-level radioactive waste is not high-level radioactive waste, spent nuclear fuel, or by-product material as defined by the Atomic Energy Act of 1954; and

- 4. "Medical/infectious waste," means any waste generated in the diagnosis, treatment, or immunization of human beings or animals, in research pertaining thereto, or in the production or testing of biologicals that are listed below. The definition of medical/infectious waste does not include hazardous waste identified or listed under the regulation in 40 CFR Part 261, household waste, as defined in 40 CFR § 261.4(b)(1), ash from incineration of medical/infectious waste once the incineration process has been completed, human corpses, remains, and anatomical parts that are intended for interment, and domestic sewage materials identified in 40 CFR § 261.4(a)(1). The following is a list of biologicals:
 - a. Cultures and stocks of infectious agents and associated biologicals, including: cultures from medical and pathological laboratories; cultures and stocks of infectious agents from research and industrial laboratories; wastes from the production of biologicals; discarded live and attenuated vaccines; and culture dishes and devices used to transfer, inoculate, and mix cultures.
 - b. Human pathological waste, including tissues, organs, and body parts and body fluids that are removed during surgery or autopsy, or other medical procedures, and specimens of body fluids and their containers.
 - c. Human blood and blood products including:
 - (i) Liquid waste human blood;
 - (ii) Products of blood;
 - (iii) Items saturated and/or dripping with human blood; or
 - (iv) Items that were saturated and/or dripping with human blood that are now caked with dried human blood; including serum, plasma, and other blood components, and their containers, which were used or intended for use in either patient care, testing and laboratory analysis or the development of pharmaceuticals. Intravenous bags are also included in this category.
 - d. Sharps that have been used in animal or human patient care or treatment or in medical, research, or industrial laboratories, including hypodermic needles, syringes (with or without the attached needle), pasteur pipettes, scalpel blades, blood vials, needles with attached tubing, and culture dishes (regardless or presence of infectious agents). Also included are other types of broken or unbroken glassware that were in contact with infectious agents, such as used slides and cover slips.
 - e. Animal waste including contaminated animal carcasses, body parts, and bedding of animals that were known to have been exposed to infectious agents during research (including research in veterinary hospitals), production of biologicals or testing of pharmaceuticals.
 - f. Isolation wastes including biological waste and discarded materials contaminated with blood, excretions, exudates, or secretions from humans who are isolated to protect others from certain highly communicable diseases, or isolated animals known to be infected with highly communicable diseases.
 - g. Unused sharps including the following unused, discarded sharps: hypodermic needles, suture needles, syringes, and scalpel blades.
- 5. "Pathological waste", "means waste material consisting of only human or animal remains, anatomical parts, and/or tissue, the bags and containers used to collect and transport the waste material, and animal bedding (if applicable).

2.0 PERMIT FEES

- **2.1** Annual air fee required. In accordance with ARSD 74:36:05:06.01, the owner or operator shall submit an annual administrative fee and an annual fee. The fee is based on actual emissions in accordance with ARSD 74:37.
- **Annual operational report.** In accordance with ARSD 74:37:01:06, the Secretary will supply the owner or operator with an annual operational report in January of each year. The owner or operator shall complete and submit the operational report to the Secretary by March 1 of each year. The responsible official shall sign the operational report in the presence of a notary public.
- **2.3 Annual air fee.** In accordance with ARSD 74:37:01:08, the Secretary will notify the owner or operator of the required annual air emission fee and administrative fee by June 1 of each year. The fees shall accrue on July 1 and are payable to the Department of Revenue by July 31 of each year.

3.0 PERMIT AMENDMENT AND MODIFICATION CONDITIONS

3.1 Permit flexibility. In accordance with ARSD 74:36:05:30, the owner or operator shall have the flexibility to make changes to the source during the term of this permit. The owner or operator shall provide the Secretary written notice at least seven days in advance of the proposed change (NOTE: The Secretary will forward a copy of the written notice to EPA). The written notice shall include a brief description of the change, the date on which the change is to occur, any change in emissions, the proposed changes to the permit, and whether the requested revisions are for an administrative permit amendment, minor permit amendment, or permit modification.

The Secretary will notify the owner or operator whether the change is an administrative permit amendment, a minor permit amendment, or a permit modification. A proposed change that is considered an administrative permit amendment or a minor permit amendment can be completed immediately after the Secretary receives the written notification. The owner or operator must comply with both the applicable requirements governing the change and the proposed permit terms and conditions until the Secretary takes final action on the proposed change.

A proposed change that is considered a modification can not be constructed until the Secretary takes final action on the proposed change. Permit modifications are subject to the same procedural requirements, including public comment, as the original permit issuance except that the required review shall cover only the proposed changes.

- **3.2** Administrative permit amendment. In accordance with ARSD 74:36:05:33, the Secretary has 60 days from receipt of a written notice to verify that the proposed change is an administrative permit amendment. As provided in ARSD 74:36:01:03, the Secretary considers a proposed change an administrative permit amendment if the proposed change accomplishes one of the following:
- 1. Corrects typographical errors;
- 2. Changes the name, address, or phone number of any person identified in this permit or provides a similar minor administrative change at the source;
- 3. Requires more frequent monitoring or reporting by the source;
- 4. The ownership or operational control of a source change and the Secretary determines that no other change in this permit is necessary. However, the new owner must submit a certification of applicant form and a written statement specifying the date for transfer of operating permit responsibility, coverage, and liability; or
- 5. Any other changes that the Secretary and the administrator of EPA determines to be similar to those requirements in this condition.
- **Minor permit amendment.** In accordance with ARSD 74:36:05:38, the Secretary has 90 days from receipt of a written notice or 15 days after the end of EPA's 45-day review period, whichever is later, to take final action on a minor permit amendment. Final action consists of issuing or denying a minor permit amendment or determining that the proposed change is a permit modification. As provided in ARSD 74:36:05:35, the Secretary considers a proposed change to be a minor permit amendment if the proposed change:
- 1. Does not violate any applicable requirements;
- 2. Does not involve significant changes to existing monitoring, reporting, or record keeping requirements;
- 3. Does not require or change a case-by-case determination of an emission limit or other standard, a source-specific determination for temporary sources of ambient impacts, or a visibility or increment analysis; or
- 4. Does not seek to establish or change a permit term or condition for which the source has assumed to avoid an applicable requirement, a federally enforceable emission cap, or an alternative emission limit. An alternative emission limit is approved pursuant to regulations promulgated under section 112(i)(5) of the federal Clean Air Act.
- **3.4 Permit modification.** In accordance with ARSD 74:36:05:39, an owner or operator may apply for a permit modification. A permit modification is defined in ARSD 74:36:01:10 as a physical change in or change in the operation of a source that results in at least one of the following:
- 1. An increase in the amount of an air pollutant emitted by the source or results in the emission of an air pollutant not previously emitted;

- 2. A significant change to existing monitoring, reporting, or record keeping requirements in the permit;
- 3. The change requires or changes a case-by-case determination of an emission limit or other standard, a source-specific determination for temporary sources of ambient impacts, or a visibility or increment analysis; or
- 4. The change seeks to establish or change a permit term or condition for which there is a corresponding underlying applicable requirement that the source has assumed to avoid an applicable requirement, a federally enforceable emissions cap assumed to avoid classification as a modification under a provision of the Title I of the Clean Air Act, or an alternative emissions limit approved pursuant to regulations promulgated under section 112(i)(5) of the Clean Air Act.

Permit modifications are subject to the same procedural requirements, including public comment, as the original permit issuance except that the required review shall cover only the proposed changes.

- **3.5 Permit revision.** In accordance with ARSD 74:36:05:40, the Secretary may reopen and revise this permit to meet requirements of SDCL 34A-1 or the federal Clean Air Act.
- **Testing new fuels or raw materials.** In accordance with ARSD 74:36:11:04, an owner or operator may request permission to test a new fuel or raw material to determine if it is compatible with existing equipment before requesting a permit amendment or modification. A complete test proposal shall consist of the following:
- 1. A written proposal that describes the new fuel or raw material, operating parameters, and parameters that will be monitored and any testing associated with air pollutant emissions during the test;
- 2. An estimate of the type and amount of regulated air pollutant emissions that will result from the proposed change; and
- 3. The proposed schedule for conducting the test. In most cases the owner or operator will be allowed to test for a maximum of one week. A request for a test period longer than one week will need additional justification. A test period shall not exceed 180 days.

The Secretary shall approve, conditionally approve, or deny in writing the test proposal within 45 days after receiving a complete proposal. Approval conditions may include changing the test schedule or pollutant sampling and analysis methods. Pollutant sampling and analysis methods may include, but are not limited to performance testing, visible emission evaluation, fuel analysis, dispersion modeling, and monitoring of raw material or fuel rates.

If the Secretary determines that the proposed change will result in an increase in the emission of a regulated air pollutant or result in the emission of an additional regulated air pollutant, the Secretary shall give public notice of the proposed test for 30 days. The Secretary shall consider

all comments received during the 30-day public comment period before making a final decision on the test.

The Secretary will not approve a test if the test would cause or contribute to a violation of a national ambient air quality standard.

4.0 PERMIT RENEWAL REQUIREMENTS

- **4.1 Permit effective.** In accordance with ARSD 74:36:05:07, this permit shall expire five years from date of issuance unless reopened or terminated for cause.
- **4.2 Permit renewal.** In accordance with ARSD 74:36:05:08, the owner or operator shall submit an application for a permit renewal at least 180 days before the date of permit expiration if the owner or operator wishes to continue an activity regulated by this permit. The current permit shall not expire and shall remain in effect until the Secretary takes final action on the timely permit renewal application.
- **4.3 Permit expiration.** In accordance with ARSD 74:36:05:28, permit expiration terminates the owner's or operator's right to operate any unit covered by this permit.

5.0 RECORD KEEPING REQUIREMENTS

S.1 Record keeping and reporting. In accordance with ARSD 74:36:05:16.01(9), the owner or operator shall maintain all monitoring data, records, reports, and pertinent information specified by this permit for five years from the date of sample, measurement, report, or application unless otherwise specified in this permit. The records shall be maintained on site for the first two years and may be maintained off site for the last three years. All records must be made available to the Secretary for inspection. All notifications and reports shall be submitted to the following address:

South Dakota Department of Environment and Natural Resources PMB 2020, Air Quality Program 523 E. Capitol, Joe Foss Building Pierre, SD 57501-3182

5.2 Signatory Requirements. In accordance with ARSD 74:36:05:12 and ARSD 74:36:05:16.01, all applications submitted to the Secretary shall be signed and certified by a responsible official. A responsible official for a corporation is a responsible corporate officer and for a partnership or sole proprietorship is a general partner or the proprietor, respectively. All reports or other information submitted to the Secretary shall be signed and certified by a

responsible official or a duly authorized representative. A person is a duly authorized representative only if:

- 1. The authorization is made in writing by a person described above and submitted to the Secretary; and
- 2. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility, such as the position of plant manager, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters.

The responsible official shall notify the Secretary if an authorization is no longer accurate. The new duly authorized representative must be designated prior to or together with any reports or information to be signed by a duly authorized representative.

Certification statement. In accordance with ARSD 74:36:05:16.01(14)(a), all documents required by this permit, including application forms, reports, and compliance certification, must be certified by a responsible official or a duly authorized representative. The certification shall include the following statement:

"I certify that, based on information and belief formed after reasonable inquiry, the statements and information in this document and all attachments are true, accurate, and complete."

- **Monitoring log.** In accordance with ARSD 74:36:05:16.01(9), the owner or operator shall maintain a monitoring log. The monitoring log shall contain the following information.
- 1. Maintenance schedule for each piece of control equipment listed in Table 1. At a minimum, the maintenance schedule shall meet the manufacturer's recommended schedule for maintenance. The following information shall be recorded for maintenance:
 - a. Identify the unit;
 - b. The date and time maintenance was performed;
 - c. Description of the type of maintenance;
 - d. Reason for performing maintenance;
 - e. Signature of person performing maintenance;
- 2. The following information shall be recorded for each visible emission reading required in permit condition 8.1:
 - a. Identify the unit;
 - b. The date and time the visible emission reading was performed;
 - c. If visible emissions were observed;
 - d. Description of maintenance performed to eliminate visible emissions;
 - e. Visible emission evaluation if visible emissions are not eliminated; and
 - f. Signature of person performing visible emission reading and/or visible emission evaluation;

- 3. The owner or operator shall maintain relevant records of the occurrence and duration of each startup, shutdown, or malfunction of process equipment and/or air pollution control equipment; and
- 4. The following information shall be recorded within two days of each emergency exceedance:
 - a. The date of the emergency exceedance and the date the emergency exceedance was reported to the Secretary;
 - b. The cause(s) of the emergency;
 - c. The reasonable steps taken to minimize the emissions during the emergency; and
 - d. A statement that the permitted equipment was at the time being properly operated.
- **5.5 Daily records.** In accordance with ARSD 74:36:05:16.01(14) and 74:35:01:08, the owner or operator shall maintain the following information on a daily basis:
- 1. The type of material burned in Unit #4 categorized as:
 - a. Pathological waste;
 - b. Low-level radioactive waste;
 - c. Chemotherapeutic waste;
 - d. Hospital waste and medical/infectious waste; and
 - e. Other types of waste.
- 2. The amount of each type of material identified in subsection 1 above in pounds; and
- 3. A facility, which receives medical/infectious waste from others for decontamination or destruction, is considered a "destination facility". A destination facility is required to maintain a log indicating the approximate quantities of medical/infectious waste received by waste category; the date of receipt; the name and address of the generator, intermediate handler, or transporter from whom the waste was received; and the date of disposal of medical/infectious waste received from other sources.
- **5.7 Quarterly summaries.** In accordance with ARSD 74:35:01:23 and 74:36:05:16.01(9) and (14), the owner or operator shall maintain a quarterly summary of the amount and types of waste burned in Unit #4. The quarterly summary shall include:
- 1. The total amount of material burned on a daily basis;
- 2. The total amount of each type of material, as identified in subsection 1 of permit condition 5.5, burned in pounds on a daily basis;
- 3. The percent, by weight, of hospital waste and medical/infectious waste burned during the quarter; and
- 4. The number of hours Unit #4 was operated on a daily basis;
- **Notification of equipment failure.** In accordance with ARSD 74:35:01:23, the owner or operator shall notify the Secretary, in writing, of any failure of Unit #4 or monitoring equipment associated with Unit #4 of one hour or more in duration or an operational error which results in an increase in emissions above any allowable rate. The notification shall be received by the

Secretary within five working days from the occurrence and indicate the type of failure or error and measures undertaken to correct the problem.

- **5.5** Annual records. In accordance with ARSD 74:36:05:16.01(9), the owner or operator shall calculate and record the following amounts from January 1 to December 31 of each year:
- 1. The amount of natural gas consumed in Units #1, #2 and #4 through #9, in million cubic feet;
- 2. The amount of distillate oil consumed in Units #1, #2, #8 and #9 in gallons;
- 3. The amount of material burned in Unit #4; and
- 4. The number of hours Units #1 through #9 were operated.

The amount of natural gas and distillate oil consumed and the amount of material processed shall be based on production records, consumption records, purchase records, daily records, etc.

- **Annual compliance certification.** In accordance with ARSD 74:36:05:16.01(14), the owner or operator shall submit an annual compliance certification letter to the Secretary by March 1 of each year this permit is in effect (NOTE: The Secretary will forward a copy of the certification letter to EPA). The certification shall contain the following information:
- 1. Methods used to determine compliance, including: monitoring, record keeping, performance testing and reporting requirements;
- 2. The source is in compliance and will continue to demonstrate compliance with all applicable requirements;
- 3. In the event the source is in noncompliance, a compliance plan that indicates how the source has or will be brought into compliance; and
- 4. Certification statement required in permit condition 5.3.
- **Reporting permit violations.** In accordance with ARSD 74:36:05:16.01(9), the owner or operator shall report all permit violations. A permit violation should be reported as soon as possible, but no later than the first business day following the day the violation was discovered. The permit violation may be reported by telephone to the South Dakota Department of Environment and Natural Resources at (605) 773-3151 or by FAX at (605) 773-5286.

A written report shall be submitted within five days of discovering the permit violation. Upon prior approval from the Secretary, the submittal deadline for the written report may be extended up to 30 days. The written report shall contain:

- 1. Description of the permit violation and its cause(s);
- 2. Duration of the permit violation, including exact dates and times; and
- 3. Steps taken or planned to reduce, eliminate, and prevent reoccurrence of the permit violation.

6.0 CONTROL OF REGULATED AIR POLLUTANTS

- **6.1 <u>Visibility limit.</u>** In accordance with ARSD 74:36:12:01, the owner or operator may not discharge into the ambient air an air contaminant of a density equal to or greater than that designated as 20 percent opacity from any permitted unit, operation, or process listed in Table #1. This provision does not apply when the presence of uncombined water is the only reason for failure to meet the requirement.
- **Visibility exceedances.** In accordance with ARSD 74:36:12:02, an exceedance of the operating limit in permit condition 6.1 is not considered a violation during brief periods of soot blowing, start-up, shutdown, or malfunctions. Malfunction means any sudden and unavoidable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. A failure caused entirely or in part by poor maintenance, careless operation, preventable equipment breakdown, or any other cause within the control of the owner or operator of the source is not a malfunction and is considered a violation.
- **6.3 Visibility limit for Unit #4.** In accordance with ARSD 74:35:01:12, the owner or operator may not discharge into the ambient air from Unit #4 an air contaminant of a density equal to or greater than that designated as 10 percent opacity. This provision applies at all times during the operation of the incinerator. This includes prior to loading the primary chamber, loading the primary chamber, and until all waste is completely combusted.
- **Secondary chamber temperature limit for Unit #4.** In accordance with ARSD 74:35:01:20, the owner or operator shall maintain a temperature at or above 1,800 degrees Fahrenheit in the secondary chamber for Unit #4 prior to combusting any waste in the primary chamber. The secondary chamber temperature must remain at or above 1,800 degrees Fahrenheit until all waste is completely combusted.
- **6.5 Particulate limits.** In accordance with ARSD 74:36:06:02(1), the owner or operator shall not allow the emission of total suspended particulate in excess of the emission limit specified in Table #2 for the appropriate permitted unit, operations, and process:

Table #2
Total Suspended Particulate Emission Limit

Identification	Description	Emission Limit
Unit #1	1957 Boiler	0.5 pounds per million Btu heat input
Unit #2	1970 Boiler	0.5 pounds per million Btu heat input
Unit #5	2005 Hurst Boiler	0.6 pounds per million Btu heat input
Unit #6	2005 Hurst Boiler	0.6 pounds per million Btu heat input
Unit #7	2005 Hurst Boiler	0.6 pounds per million Btu heat input
Unit #8	2008 York Shipley Boiler	0.5 pounds per million Btu heat input
Unit #9	2008 York Shipley Boiler,	0.5 pounds per million Btu heat input
Unit #11	2004 Caterpillar 3412 750 Kw generator	0.6 pounds per million Btu heat input

6.6 Sulfur dioxide limits. In accordance with ARSD 74:36:06:02(2), the owner or operator shall not allow the emission of sulfur dioxide in excess of the emission limit specified in Table #3 for the appropriate permitted unit, operations, and process:

Table #3
Sulfur Dioxide Emission Limit

Identification	Description	Emission Limit
Unit #1	1957 Boiler	3.0 pounds per million Btu heat input
Unit #2	1970 Boiler	3.0 pounds per million Btu heat input
Unit #5	2005 Hurst Boiler	3.0 pounds per million Btu heat input
Unit #6	2005 Hurst Boiler	3.0 pounds per million Btu heat input
Unit #7	2005 Hurst Boiler	3.0 pounds per million Btu heat input
Unit #11	2004 Caterpillar 3412 750	3.0 pounds per million Btu heat input
Oiiit #11	Kw generator	

Compliance with the sulfur dioxide emission limit is based on a three-hour rolling average, which is the arithmetic average of three contiguous one-hour periods.

- 6.7 <u>Limit on hospital and medical/infectious waste burned in Unit #4.</u> In accordance with ARSD 74:36:05:16.01(8), the owner or operator shall not burn hospital and/or medical/infectious waste in Unit-#4 at a rate greater than 10% by weight on a calendar quarter basis. This limit exempts the owner or operator from complying with 40 CFR Part 60, Subpart Ce. Any relaxation in this permit condition will require a permit modification to include the requirements in 40 CFR Part 60, Subpart Ce or Ec.
- Air emission exceedances emergency conditions. In accordance with ARSD 74:36:05:16.01(18), the Secretary will allow for an unavoidable emission exceedance of a technology-based emission limit if the exceedance is caused by an emergency condition and immediate action is taken by the owner or operator to restore the operations back to normal. An emergency condition is a situation arising from a sudden and reasonably unforeseeable event beyond the control of the source, including acts of God. An emergency shall not include an emission exceedance to the extent caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error. The owner or operator shall notify the Secretary within two working days of the incident and take all steps possible to eliminate the excess emissions. The notification must provide a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken. If the notification is submitted orally, a written report summarizing the information required by the notification shall be submitted and postmarked within 30 days of the oral notification
- **6.10** <u>Circumvention not allowed.</u> In accordance with ARSD 74:36:05:47.01, the owner or operator may not install, use a device, or use a means that conceals or dilutes an air emission that

would otherwise violate this permit. This includes operating a unit or control device that emits air pollutants from an opening other than the designed stack, vent, or equivalent opening.

6.11 Minimizing emissions. In accordance with ARSD 74:36:07:01, as referenced to 40 CFR § 60.11(d), the owner or operator shall at all times, when practicable, maintain and operate all permitted units in a manner that minimizes air pollution emissions.

7.0 PERFORMANCE TESTS

- **7.1** Performance test may be required. In accordance with ARSD 74:36:11:02, the Secretary may request a performance test during the term of this permit. A performance test shall be conducted while operating the unit at or greater than 90 percent of its maximum design capacity, unless otherwise specified by the Secretary. A performance test conducted while operating less than 90 percent of its maximum design capacity will result in the operation being limited to the percent achieved during the performance test. The Secretary has the discretion to extend the deadline for completion of performance test required by the Secretary if circumstances reasonably warrant but will not extend the deadline past a federally required performance test deadline.
- **Test methods and procedures.** In accordance with ARSD 74:36:11:01, the owner or operator shall conduct the performance test in accordance with 40 CFR Part 60, Appendix A, 40 CFR Part 63, Appendix A, and 40 CFR Part 51, Appendix M. The Secretary may approve an alternative method if a performance test specified in 40 CFR Part 60, Appendix A, 40 CFR Part 63, Appendix A, and 40 CFR Part 51, Appendix M is not federally applicable or federally required.
- **Representative performance test.** In accordance with ARSD 74:36:07:01, as referenced to 40 CFR § 60.8(c), performance tests shall be conducted under such conditions as the Secretary shall specify to the owner or operator based on the representative performance of the unit being tested. The owner or operator shall make available to the Secretary such records as may be necessary to determine the conditions of the performance tests. Operations during periods of startup, shutdown, and malfunction shall not constitute representative conditions for the purpose of a performance test nor shall emissions in excess of the level of the applicable emission limit during periods of startup, shutdown, and malfunction be considered a violation of the applicable emission limit unless otherwise specified in this permit.
- **7.4** Submittal of test plan. In accordance with ARSD 74:36:11:01, the owner or operator shall submit the proposed testing procedures to the Secretary at least 30 days prior to any performance test. The Secretary will notify the owner or operator if the proposed test procedures are approved or denied. If the proposed test procedures are denied, the Secretary will provide written notification that outlines what needs to be completed for approval.

- **7.5** Notification of test. In accordance with ARSD 74:36:11:03, the owner or operator shall notify the Secretary at least 10 days prior to the start of a performance test to arrange for an agreeable test date when the Secretary may observe the test. The Secretary may extend the deadline for the performance test in order to accommodate schedules in arranging an agreeable test date.
- **7.6 Performance test report.** In accordance with ARSD 74:36:05:16.01(9), the owner or operator shall submit a performance test report to the Secretary within 60 days after completing the performance test or by a date designated by the Secretary. The performance test report shall contain the following information:
- 1. A brief description of the process and the air pollution control system being tested;
- 2. Sampling location description(s);
- 3. A description of sampling and analytical procedures and any modifications to standard procedures;
- 4. Test results:
- 5. Quality assurance procedures and results;
- 6. Records of operating conditions during the test, preparation of standards, and calibration procedures;
- 7. Raw data sheets for field sampling and field and laboratory analyses;
- 8. Documentation of calculations;
- 9. All data recorded and used to establish parameters for compliance monitoring; and
- 10. Any other information required by the test method.

8.0 MONITORING

- **8.1** Periodic monitoring for opacity limits. In accordance with ARSD 74:36:05:16.01(9), the owner or operator shall demonstrate compliance with the opacity limits in Chapter 6.0 on a periodic basis. Periodic monitoring for Units #1 and #2 are not required if the unit is fueled with natural gas for the whole month. Periodic monitoring is not required for Units #5, #6, and #7 because they are permitted to operate on natural gas only. Periodic monitoring for Units #1 and #2, if fueled with distillate oil during a month, shall be based on the amount of visible emissions from each unit and evaluated according to the following steps:
- **Step 1:** If there are no visible emissions from a unit subject to an opacity limit, periodic monitoring shall consist of a visible emission reading. A visible emission reading shall consist of a visual survey of each unit over a two-minute period to identify if there are visible emissions. The visible emission reading must be conducted while the unit is in operation; but not during periods of startup, shutdown, or malfunctions. Visible emission readings on each unit subject to an opacity limit in Chapter X.X shall be based on the following frequency:
- a. The owner or operator shall conduct a visible emission reading once per calendar month;

- b. If no visible emissions are observed from a unit in six consecutive monthly visible emission readings, the owner or operator may decrease the frequency of readings from monthly to semiannually for that unit; or
- c. If no visible emissions are observed from a unit in two consecutive semiannual visible emission readings, the owner or operator may decrease the frequency of testing of readings from semiannually to annually for that unit.

Step 2: If visible emissions are observed from a unit at any time other than periods of startup, shutdown, or malfunction, the owner or operator shall conduct a visible emission test on that unit to determine if the unit is in compliance with the opacity limit specified in Chapter X.X. The emission test shall be for six minutes and conducted in accordance with 40 CFR Part 60, Appendix A, Method 9. The visible emission test must be conducted while the unit is in operation; but not during periods of startup, shutdown, or malfunctions. Visible emission tests shall be based on the following frequency:

- a. The visible emission test must be conducted within one hour of witnessing a visible emission from a unit during a visible emission reading;
- b. If the visible emission test required in Step 2(a) results in an opacity value less than or equal to 50 percent of the opacity limit for the unit, the owner or operator shall perform a visible emission test once per month;
- c. If the opacity value of a visible emission test is less than five percent for six straight monthly tests, the owner or operator may revert back to monthly visible emission readings as required in Step 1;
- d. If the visible emission test required in Steps 2(a) or 2(b) results in an opacity value greater than 50 percent of the opacity limit but less than the opacity limit, the owner or operator shall perform a visible emission test once per week; or
- e. If the visible emission test in Step 2(d) results in an opacity value less than or equal to 50 percent of the opacity limit for six straight weekly readings, the owner or operator may revert back to a monthly visible emission test as required in Step 2(b).

The person conducting the visible emission test must be certified in accordance with 40 CFR Part 60, Appendix A, Method 9. If a visible emission test is required before a person is certified in accordance with permit condition 8.2, the owner or operator shall notify the Secretary within 24 hours of observing the visible emissions to schedule a visible emission test performed by a state inspector.

- **8.2** Certified personnel visible emission tests. In accordance with ARSD 74:36:13:07, within 180 days after permit issuance the owner or operator shall retain a person that is certified to perform a visible emission test in accordance with 40 CFR Part 60, Appendix A, Method 9. The owner or operator shall retain a certified person throughout the remaining term of this permit.
- **8.3** Monitoring sulfur content of distillate oil. In accordance with ARSD 74:36:05:16.01(9), the owner or operator shall obtain a fuel supplier certification for each load of

distillate oil purchased or received. The fuel supplier certification shall include the following information:

- 1. The name of the oil supplier;
- 2. A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil. Distillate oil means fuel oil that complies with the specifications for fuel oil numbers 1 or 2. Residual oil means crude oil, fuel oil that does not comply with the specifications under the definition of distillate oil, and all fuel oil numbers 4, 5, and 6. Specifications for fuel oils are defined in the American Society for Testing and Materials in ASTM D396-78, "Standards Specifications for Fuel Oils"; and
- 3. A statement that the sulfur content of the oil does not exceed 0.5 weight percent sulfur.

In the case where a fuel supplier certification is not obtained, the owner or operator shall collect a grab sample from the distillate oil storage tank within 30 days of receiving the shipment of distillate oil but before another load of distillate oil is transferred into the storage tank. The grab sample shall be analyzed to determine the sulfur content of the distillate oil in the storage tank. A copy of the results of the distillate oil analysis shall be submitted with the semiannual report required in permit condition 11.8.

9.0 MEDICAL/INFECTIOUS WASTE HANDLING REQUIREMENTS

- **9.1** Containers used for transporting medical/infectious waste offsite. In accordance with ARSD 74:35:01:24, the owner or operator of a facility that transports medical/infectious waste offsite shall meet the following requirements:
- 1. Containers for medical/infectious waste must be rigid, leak-resistant, impervious to moisture, resistant to tearing or bursting under normal conditions of use and handling, and sealed to prevent leakage during transport;
- 2. Treated and untreated sharps and sharps with residual fluids shall be placed in packaging that is rigid leak-resistant, and puncture resistant; and
- 3. Quantities of fluids greater than 20 cubic centimeters shall be placed in packaging that is break resistant and tightly lidded or stoppered.

Oversized medical/infectious waste need not be placed into containers, but any special handling instructions must be attached to the waste. Generators may use one or more containers to meet these requirements.

Reusable containers. In accordance with ARSD 74:35:01:25, the owner or operator of a facility which generates or receives medical/infectious waste must comply with the following requirements for reusing containers:

- 1. All non-rigid packaging and inner liners must be managed as medical/infectious waste and may not be reused;
- 2. Any container used for the storage or transport, or both, of medical/infectious waste and designated for reuse once emptied must be decontaminated if the container shows signs of visible contamination; and
- 3. If any container used for the storage or transport, or both, of medical/infectious waste is for any reason not capable of being rendered free of any visible signs of contamination, the container must be managed as medical/infectious waste and labeled, marked, and treated or disposed of as medical/infectious waste.
- **9.3 Storage.** In accordance with ARSD 74:35:01:26, the storage of medical/infectious waste before treatment or disposal on-site or transport offsite must comply with the following storage requirements:
- 1. The medical/infectious waste must be stored in a manner and location that maintains the integrity of the packaging and provides protection from the elements;
- 2. The medical/infectious waste must be maintained in a nonputrescent state, using refrigeration when necessary;
- 3. Outdoor storage areas containing medical/infectious waste must be locked to prevent unauthorized access;
- 4. The medical/infectious waste must be stored in a manner that affords protection from animals and does not provide a breeding place or a food source for insects and rodents;
- 5. All on-site storage of medical/infectious waste must be in a designated area away from traffic flow patterns and must be accessible only to authorized personnel; and
- 6. Containment of medical/infectious waste must be effected in such a manner that no discharge or release of any waste occurs.
- **9.4** Labeling medical/infectious waste for transport offsite. In accordance with ARSD 74:35:01:27, the owner or operator that transports medical/infectious waste offsite must label each package of untreated medical/infectious waste with a water-resistant label affixed to or printed on the outside of the container. The label must include the words "Medical Waste" or "Infectious Waste" or display the universal biohazard symbol. Plastic bags used as inner packing need not display a label.
- **9.5** <u>Identification of medical/infectious waste for transport offsite.</u> In accordance with ARSD 74:35:01:28, the owner or operator that transports medical/infectious waste offsite must mark each package with the following markings before the medical/infectious waste is transported offsite:
- 1. The outermost surface of each package prepared for shipment must be marked with a water-resistant identification tag or sufficient dimension to contain the following information:
 - a. Generator's name and address;
 - b. Transporter's name and address;

- c. Date of shipment; and
- d. Identification of contents as medical/infectious waste.
- 2. If the owner or operator has used inner containers, including sharps and fluid containers, each inner container must be marked with indelible ink or imprinted with water resistant tags. The markings must contain the generator's name and address.

10.0 MEDICAL/INFECTIOUS WASTE INCINERATOR

- **10.1** Radioactive and hazardous waste. In accordance with ARSD 74:35:01:22, neither radioactive waste nor hazardous waste shall be burned in Unit #4 unless the appropriate requirements and standards for those materials are met.
- **10.2 Ash handling.** In accordance with ARSD 74:28:23:01, if it is determined that the ash from Unit #4 is a hazardous waste, the ash shall be disposed of in a permitted hazardous waste facility.
- 10.3 <u>Unit #4 design requirements.</u> In accordance with ARSD 74:35:01:20, the secondary chamber in Unit #4 shall be designed to provide turbulent mixing of the exhaust gases and maintain the exhaust gases at a temperature of at least 1,800 degrees Fahrenheit for a minimum of a one-second retention time. The one-second retention time shall be measured from the location of the secondary chamber burner to the location of the thermocouple that measures the temperature in the secondary chamber.
- **10.4** <u>Waste loading.</u> In accordance with ARSD 74:35:01:21, the waste charging system for Unit #4 must prevent the disruption of the combustion process as waste is charged and prevent overcharging to assure complete combustion of the waste.
- 10.5 Monitoring Unit #4 temperatures. In accordance with ARSD 74:35:01:19, the owner or operator shall install, calibrate, operate, and maintain a device that continuously monitors and records the primary and secondary chamber temperatures. The device must have an accuracy of the greater of plus or minus 0.75 percent of the measured temperature or 2.5 degrees Celsius. The device shall be operational at all times when Unit #4 is operational. If the continuous monitoring or recording equipment is not functional for more than one hour, the owner or operator shall discontinue charging the incinerator and will shut down the incinerator once all combustibles are combusted. The incinerator will not be used again until the continuous monitor and recorder are operational.

11.0 NEW SOURCE PERFORMANCE STANDARD Subpart Dc

11.1 Changing boiler fuels. In accordance with ARSD 74:36:07:05, as referenced to 40 CFR § 60.40c, Unit #8 and #9 shall be fueled with natural gas and distillate oil only. If the boilers are fueled with other fuels such as propane, coal, other oil, or wood, additional standards and requirements in 40 CFR Part 60, Subpart Dc may apply. The owner or operator shall apply for and obtain approval from the Secretary before other fuels can be used as a fuel in Unit #8 and #9.

Distillate oil means fuel oil that complies with the specifications for fuel oil numbers 1 or 2. Residual oil means crude oil, fuel oil that does not comply with the specifications under the definition of distillate oil, and all fuel oil numbers 4, 5, and 6. Specifications for fuel oils are defined in the American Society for Testing and Materials in ASTM D396-78, "Standards Specifications for Fuel Oils".

- **11.2** Sulfur dioxide limits. In accordance with ARSD 74:36:07:05, as referenced to 40 CFR § 60.42c(d), (h), and (i), the owner or operator shall not burn distillate oil containing greater than 0.5 weight percent sulfur in Unit #8 and #9. Compliance with the fuel oil sulfur limit shall be determined based on a certification from the fuel supplier. The fuel certification must include the information in permit conditions 11.9. The sulfur dioxide emission limits and fuel oil sulfur limits apply at all times, including periods of startup, shutdown, and malfunction.
- **11.3** Opacity limits. In accordance with ARSD 74:36:07:05, as referenced to 40 CFR § 60.43c(c), the owner or operator shall not discharge into the atmosphere from Unit #8 and #9 any gases that exhibit greater than 20 percent opacity (6-minute average), except for one 6-minute period per hour of not more than 27 percent opacity. The opacity standards under this section apply at all times, except during periods of start-up, shutdown, and malfunction.
- **11.4 Initial performance test.** In accordance with ARSD 74:36:07:05, as referenced to 40 CFR § 60.47c(a), the owner or operator shall conduct an initial performance test using Method 9 of Appendix A to demonstrate compliance with the limits in permit condition 11.4. If during the initial 60 minutes of observation all 6-minute averages are less than 10 percent and all individual 15-second observations are less than or equal to 20 percent, the observation period may be reduced from 3 hours to 60 minutes.
- **11.5** <u>Performance tests.</u> In accordance with ARSD 74:36:07:05, as referenced to 40 CFR § 60.47c(a)(1), the owner or operator shall conduct subsequent Method 9 performance tests according to the following schedule, as determined by the most recent Method 9 performance test results:
- 1. If no visible emissions are observed, a subsequent Method 9 performance test must be completed within 12 calendar months from the date that the most recent performance test was conducted;
- 2. If visible emissions are observed but the maximum 6-minute average opacity is less than or equal to 5 percent, a subsequent Method 9 performance test must be completed within 6 calendar months from the date that the most recent performance test was conducted;

- 3. If the maximum 6-minute average opacity is greater than 5 percent but less than or equal to 10 percent, a subsequent Method 9 performance test must be completed within 3 calendar months from the date that the most recent performance test was conducted; or
- 4. If the maximum 6-minute average opacity is greater than 10 percent, a subsequent Method 9 performance test must be completed within 30 calendar days from the date that the most recent performance test was conducted.
- **11.6** Alternative performance test method. In accordance with ARSD 74:36:07:05, as referenced to 40 CFR § 60.47c(a)(2) and (3), if the maximum 6-minute opacity is less than 10 percent during the most recent Method 9 performance test, the owner or operator may, as an alternative to performing subsequent Method 9 performance test elect to perform subsequent monitoring using one of the following options:
- 1. Perform subsequent monitoring using Method 22 in Appendix A according to the following procedures:
- a. Conduct 10 minute observations (during normal operation) each operating day a fuel is fired for which an opacity standard is applicable using Method 22 and demonstrate that the sum of the occurrences of any visible emissions is not in excess of 5 percent of the observation period (i.e., 30 seconds per 10 minute period). If the sum of the occurrence of any visible emissions is greater than 30 seconds during the initial 10 minute observation, immediately conduct a 30 minute observation. If the sum of the occurrence of visible emissions is greater than 5 percent of the observation period (i.e., 90 seconds per 30 minute period) the owner or operator shall either document and adjust the operation of the unit and demonstrate within 24 hours that the sum of the occurrence of visible emissions is equal to or less than 5 percent during a 30 minute observation (i.e., 90 seconds) or conduct a new Method 9 performance test using the procedure in permit condition 15.6 within 30 calendar days.
- b. If no visible emissions are observed for 30 operating days during which an opacity standard is applicable, observations can be reduced to once every 7 operating days during which an opacity standard is applicable. If any visible emissions are observed, daily observations shall be resumed.

Or

- 2. Perform subsequent monitoring using a digital opacity compliance system according to a site-specific monitoring plan approved by the Secretary.
- **11.7** Site-specific monitoring plan. In accordance with ARSD 74:36:07:05, as referenced to 40 CFR § 60.47c(g), the owner or operator of a unit that burns only gaseous fuels or fuel oils that contain less than or equal to 0.5 weight percent sulfur and operates according to a site specific monitoring plan is not required to operate a continuous opacity monitoring system. The site-specific monitoring plan shall be approved by the Secretary and include procedures and criteria

for establishing and monitoring specific parameters indicative of compliance with the opacity standard.

- **11.8** Monitoring sulfur content. In accordance with ARSD 74:36:07:05, as referenced to 40 CFR § 60.48c(f) the owner or operator shall obtain a fuel supplier certification for each load of distillate oil purchased or received. The fuel supplier certification shall include the following information:
- 1. The name of the oil supplier;
- 2. A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil given in permit condition 11.2; and
- 3. A statement that the sulfur content of the oil does not exceed 0.5 weight percent sulfur.
- **11.9** Monitoring records. In accordance with ARSD 74:36:07:05, as referenced to 40 CFR §§ 60.48c(c), the owner or operator shall maintain records of the following information for each day Unit #8 and #9 operate.
- 1. Calendar dates covered in the reporting period;
- 2. Records of visible emission monitoring applicable to the method used:

For each visible emission performance test using Method 9 of Appendix A, the owner or operator shall keep the following records:

- a. Dates and time intervals of all opacity observation periods;
- b. Name, affiliation, and copy of current visible emission reading certification for each visible emission observer participating in the performance test; and
- c. Copies of all visible emission observer opacity field data sheets.

For each visible emission performance test using Method 22 of Appendix A, the owner or operator shall keep the following records:

- a. Dates and time intervals of all visible emissions observation periods;
- b. Name and affiliation for each visible emission observer participating in the performance test;
- c. Copies of all visible emission observer opacity field data sheets; and
- d. Documentation of any adjustments made and the time the adjustments were completed to Unit #1 and/or Unit #28 to demonstrate compliance with the applicable monitoring requirements.

For each digital opacity monitoring system, the owner or operator shall maintain records and submit reports according to the requirements specified in the site-specific monitoring plan. and;

3. Records of fuel suppliers' certifications.

The records must be maintained for a minimum of two years from the date of such record.

- **11.10** Monthly records. In accordance with ARSD 74:36:07:05, as referenced to 40 CFR § 60.48c(g), the owner or operator shall record and maintain records of the amount of each fuel combusted during each calendar month for Unit #8, and #9.
- **11.11** <u>Semi-annual report.</u> In accordance with ARSD 74:36:07:05, as referenced to 40 CFR § 60.48c(e) and (j), the owner or operator shall submit a semi-annual report to the Secretary for Units #8 and #9. The semi-annual reports shall contain the following information:
- 1. Name of facility, permit number, reference to this permit condition, identifying the submittal as a semi-annual report, and the calendar dates covered in the reporting period;
- 2. The fuel supplier certification for each load of distillate oil purchased or received. If no distillate oil is purchased or received during the reporting period, a statement that no distillate oil was purchased or received shall be included. The fuel supplier certification shall contain the information as stated in permit condition 11.9; and
- 3. The results of each opacity performance tests conducted in accordance with permit conditions 11.5 and 11.6.

The semiannual reports must be postmarked no later than 30 days after the end of the reporting period (i.e., July 30th and January 30th).